



# Minnesota Crop Progress & Condition



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Cooperating with the Minnesota Department of Agriculture

For the week ending June 15, 2014  
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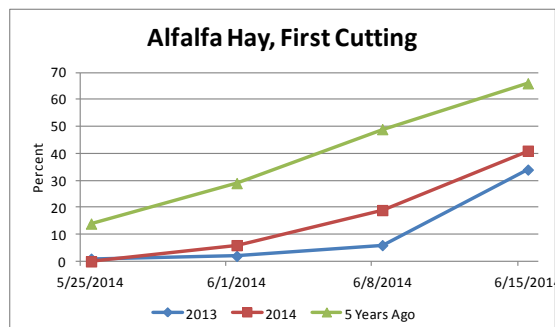
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Widespread precipitation raised topsoil and subsoil moisture levels during the week ending June 15, 2014, according to the National Agricultural Statistics Service. In spite of the rain events, Minnesota farmers were able to reach planting levels close to the five year averages. There were **3.4 days suitable for fieldwork** across the state.

**Topsoil moisture** supplies were rated 0 percent very short, 0 percent short, 60 percent adequate, and 40 percent surplus. **Subsoil moisture** supplies were rated 0 percent very short, 2 percent short, 67 percent adequate, and 31 percent surplus.

Ninety-seven percent of the expected **corn** acreage has been planted, 2 percentage points behind the five year average. Corn emergence was 94 percent, 1 point behind normal. Corn condition ratings came in at 1 percent very poor, 3 percent poor, 17 percent fair, 62 percent good, and 17 percent excellent. **Soybean** planting was 93 percent complete, 2 points behind the five year average. Eighty-two percent of the soybean crop has emerged. Soybean condition rated 0 percent very poor, 3 percent poor, 23 percent fair, 65 percent good, and 9 percent excellent. **Spring wheat** planting was nearly complete, with emergence at 93 percent, 5 points behind the average. Spring wheat condition ratings came in at 1 percent very poor, 4 percent poor, 27 percent fair, 59 percent good, and 9 percent excellent. **Potato** planting now stands at 96 percent complete. **Barley** planting progress was 96 complete with 88 percent now emerged. Ninety-eight percent of the **oat** crop has been planted, with 93 percent emerged. Planting progress for **dry edible beans** was 93 percent complete, 20 points more than the previous week, but equal to normal. Eighty-one percent of the **sunflower** crop has been planted, 14 points behind average.

The **first cutting of alfalfa hay** was 41 percent complete, 7 percentage points more than the previous year. **All hay** conditions were rated 1 percent very poor, 1 percent poor, 20 percent fair, 65 percent good, and 13 percent excellent. **Pasture** conditions were rated 1 percent very poor, 3 percent poor, 18 percent fair, 60 percent good, and 18 percent excellent.



## Soil Moisture Conditions as of June 15, 2014

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture .....	0	0	60	40
Subsoil Moisture .....	0	2	67	31

## Crop Conditions as of June 15, 2014

	Very Poor	Poor	Fair	Good	Exc.
Pasture .....	1	3	18	60	18
Hay, all .....	1	1	20	65	13
Oats .....	1	3	24	63	9
Barley .....	1	4	40	47	8
Corn .....	1	3	17	62	17
Soybeans .....	0	3	23	65	9
Spring Wheat .....	1	4	27	59	9
Potatoes, all .....	0	3	22	55	20

## Crop Progress as of June 15, 2014

	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Fieldwork	3.4	3.0	3.5	4.1

	Percent	Percent	Percent	Percent
Oats emerged .....	93	89	90	97
Oats jointing .....	52	25	26	60
Barley planted .....	96	93	94	99
Barley emerged .....	88	72	90	96
Barley jointing .....	21	15	12	46
Spring Wheat planted .....	98	94	99	100
Spring Wheat emerged .....	93	79	97	98
Spring Wheat jointing .....	18	11	15	48
Corn emerged .....	94	89	85	95
Soybeans planted .....	93	86	82	95
Soybeans emerged .....	82	65	60	85
Potatoes planted .....	96	91	95	99
Dry Edible Beans planted .....	93	73	84	93
Dry Edible Beans emerged .....	70	43	54	74
Sunflowers planted .....	81	57	85	95
Alfalfa Hay, first cutting .....	41	19	34	66

The following links provide further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week: <http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:  
<http://www.nws.noaa.gov/view/states.php?state=MN>

## Precipitation and Temperature Summary for 6/9/2014 through 6/15/2014

	Temperature				Precipitation				G D D	
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal			Since 05/16	Depart From Norm
						Past Week	Four Weeks	Since 4/1		
NORTHWEST DISTRICT										
Crookston	81	47	63.7	-0.3	1.11	0.19	0.43	0.57	460	82
Itasca	77	43	59.1	-2.1	2.76	1.61	2.13m	4.50m	261m	-53m
Moorhead	82	46	63.8	-1.7	2.52	1.57	0.84	2.5	494	79
Pembina, ND	78	43	61.5	-0.7	0.75	-0.23	-0.41	1.15	385	48
Warroad	77	42	60.2	-1.3	0.85	-0.2	.57m	3.11m	366m	49m
NORTH CENTRAL DISTRICT										
Grand Rapids	79	36	57.9	-4.7	2.58	1.56	3.36	5.01	404	59
Intl. Falls	77	36	55.4	-4.8	6.15	5.23	6.24	7.02	356	57
NORTH EAST DISTRICT										
Duluth	72	42	56.6	-2.7	1.35	0.35	1.53	2.98	338	65
Grand Marais	73	40	51	-1.8	0.68	-0.18	.52m	.84m	186m	24m
Hibbing	78	34	56.5	-2.2	2.27	1.31	6.8	9.95	384	119
WEST CENTRAL DISTRICT										
Alexandria	77	49	62.5	-2.1	1.98	1.01	4.59	6.16	409m	17m
Breckenridge	80	50	63	-2.1	2.33	1.43	1.72m	4.29m	431m	20m
Browns Valley	78	43	62.2	-3.1	2.15	1.26	1.78m	2.27m	338m	-72m
Canby	M	M	M	M	M	M	-1.75m	-.71m	266m	-180m
Montevideo	83	46	63	-3.5	1.77	0.76	2.56	2.3	465	29
Morris	82	46	62.7	-2.9	2.79	1.85	3.01	4.65	447	33
Wheaton	79	47	62.3	-3.7	2.89	1.94	2.81	4.53	452	32
CENTRAL DISTRICT										
Becker	81	48	64	-1.7	2.3	1.25	4.5	10.09	455	24
Collegeville	76	50	63.8	-3	3.35	2.21	3.73	6.2	474	27
Hutchinson	82	49	63.4	-3.6	2.52	1.39	2.97	6.6	485	41
Melrose	79	47	61	-3.7	2.35	1.36	5.96	9.29	425	30
Oliv ia	81	46	61.6	-5.2	3.02	1.92	4.19	6.7	431	-10
St. Cloud	81	46	64	-0.9	3.13	2.12	4.35	9.31	482	84
Wadena	M	M	M	M	M	M	M	-3.30m	M	M
Willmar	80	46	61.5	-5.4	4.01	2.8	4.54	6.34	431	-16
EAST CENTRAL DISTRICT										
Aitkin	78	40	61.1	-1	2.45	1.4	2.32	4.24	441	108
Forest Lake	82	44	62.6	-4.2	2.13	1.08	3.41	7.67	458	22
MSP Airport	81	51	64.8	-3.2	2.42	1.41	5.02	8.44	489	21
Mora	78	43	61.2	-2.8	1.74	0.75	4.74	8.71	411	34
St. Paul - UoM	82	50	64.6	-2.2	2.08	1.03	2.87	6.49	494	58
SOUTH WEST DISTRICT										
Lamberton	82	48	63.4	-4.2	2.77	1.78	2.2	2.58	475	16
Marshall	82	53	65.4	-2	3.44	2.54	4.13	3.83	510	56
Pipestone	85	45	64	-2	3.24	2.23	2.6	1.53	477	52
Redwood Falls	82	49	65.4	-2.5	2.38	1.34	3.75	4.5	506	38
Sioux Falls	82	44	64.7	-2.3	5.41	4.46	7.57	4.86	495	53
Worthington	82	48	62.2	-4.7	4.12	2.94	2.72	0.71	450	12
SOUTH CENTRAL DISTRICT										
North Mankato	83	47	63.8	-3.6	1.34	0.12	-1.02	2.66m	456	1
Owatonna	83	44	63.2	-4.1	2.4	1.32	1.45	3.47	457	11
Waseca	82	46	64.3	-3.7	1.82	0.71	.38m	2.74m	453	-15
Winnebago	83	50	65.4	-2.4	0.82	-0.27	2.31	3.94	482	18
SOUTH EAST DISTRICT										
Cannon Falls	79	45	61.8	-4.7	3.22	2.18	1.84m	1.34m	254m	-169m
La Crosse	85	50	68.5	0	0.1	-0.92	-1.15	2.17	557	75
Preston	82	43	63.8	-2.2	0.55	-0.69	-2.23	-1.28	453	40
Red Wing	83	53	64.6	-2.3	3.95	2.97	5.1	7.19	489	44
Rochester	82	47	65.2	-1.8	1.42	0.32	-1.48	0.61	483	40
Rosemount	80	49	63.3	-3.4	2.46	1.34	4.06	7.62	454	21
Winona Dam	81	49	65.2	-1.5	0.37	-0.6	-1.7	0.43	484	54

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

Data in this summary are courtesy of National Weather Service Offices and Cooperators, and the University of Minnesota Agricultural Experiment Station. This summary is prepared by the Minnesota Extension Service Agricultural Meteorologist and the Department of Natural Resources State Climatology Office.

URL://climate.umn.edu